

Serial No. 10/668,736

Amendment Under 37 C.F.R. 1.116

Reply to final Office Action of Jan. 25, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1-18. (Canceled)

19. (Currently amended) An abrasive feature for an abrasive article comprising:

a base; and

a body projecting from the base, the body including a vertex, wherein the body is defined by four distinct sidewalls, and further wherein each of the four distinct sidewalls ~~sidewall~~ is defined by a parabolic section.

20. (Original) The feature of claim 19, wherein the parabolic shape is approximately defined by a series of connected line segments.

21. (Currently amended) The feature of claim 19, wherein each of the four distinct sidewalls ~~sidewall~~ is formed from the same parabolic section, and further each section is defined by the same locus in a mirror image, including an opposed image and left and right images.

22. (New) A method of making an abrasive article, the method comprising:

filling a tool with a slurry, wherein the tool includes a plurality of negative images for forming features having a base and a body, wherein the body includes a vertex, wherein the body is defined by four distinct sidewalls, and further wherein each of the four distinct sidewalls is defined by a parabolic section;

curing the slurry to form the abrasive article.

23. (New) The method of claim 22, further including:

applying a backing to the abrasive article.

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24. (New) The method of claim 23, further including:
removing the article from the tool.
25. (New) The method of claim 23, wherein said curing includes curing out of the tool.